METHOD AND APPARATUS FOR CONVEYING A SECURITY CONTEXT IN ADDRESSING INFORMATION

Abstract

A method for conveying a security context, including creating and assigning a virtual address to a client process, issuing a first Internet Protocol version compliant packet wherein the first Internet Protocol version compliant packet comprises a security context, prepending an issued packet with a second Internet Protocol version header producing a second Internet Protocol version compliant packet, forwarding the second Internet Protocol version compliant packet to a recipient, stripping away the second Internet Protocol version compliant header from the second Internet Protocol version compliant packet producing a stripped packet at the recipient, decrypting and authenticating the stripped packet using a particular method as indicated by the security context producing a decrypted and authenticated packet, and routing the decrypted and authenticated packet to a recipient process using the virtual address.

23054_1